

1 **APPARATUS AND METHOD FOR PROCESSING SIGNALS**
2 **SELECTED FROM MULTIPLE DATA STREAMS**

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4 **ABSTRACT OF THE DISCLOSURE**

5 A multiple data stream processing arrangement includes a receiver/signal processor (14)
6 and a plurality of signal input paths (11, 12) which meet at a junction (36). A junction output
7 from the junction (36) provides a single input to the receiver/signal processor (14). A switching
8 arrangement (16) is associated with the plurality of signal input paths (11, 12). The switching
9 arrangement (16) includes a switch (31, 32) connected in each signal input path (11, 12). Each
10 switch (31, 32) responds to an enable signal to allow a data stream applied to the respective
input path (11, 12) to pass on to the junction (36) and to the receiver/signal processor (14).
According to the invention only one signal input path (11, 12) and respective switch (31,32) is
enabled at any given time.

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